

Application No.: 09/674,546

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CENTRAL FAX CENTERAmendments to the Claims:

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Canceled).

Claim 2 (Currently amended) A protein purified polypeptide comprising an having greater than 80% identity to amino acid sequence SEQ ID NO: 2536 selected from the group consisting of even numbered SEQ IDs from SEQ ID NO 2 through to SEQ ID NO 3020.

Claim 3 (Canceled).

Claim 4 (Currently amended) A protein purified polypeptide comprising a fragment of an amino acid sequence selected from the group consisting of even numbered SEQ IDs from of SEQ ID NO: 2536 2 through SEQ ID NO: 3020, wherein said fragment comprises [[14]] 10 or more consecutive amino acids from said amino acid sequence.

Claim 5-18 (Canceled).

Claim 19 (New) The purified polypeptide of claim 2 having greater than 90% identity to amino acid sequence SEQ ID NO: 2536.

Claim 20 (New) The purified polypeptide of claim 2 further comprising a pharmaceutically acceptable carrier.

Claim 21 (New) The purified polypeptide of claim 2, wherein said polypeptide is immunogenic.

Claim 22 (New) The purified polypeptide of claim 4, wherein said fragment comprises 12 or more consecutive amino acids from said amino acid sequence.

Claim 23 (New) The purified polypeptide of claim 4, wherein said fragment comprises 14 or more consecutive amino acids from said amino acid sequence.

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Claim 24 (New) The purified polypeptide of claim 4, wherein said fragment comprises 16 or more consecutive amino acids from said amino acid sequence.

Claim 25 (New) The purified polypeptide of claim 4, wherein said fragment comprises 18 or more consecutive amino acids from said amino acid sequence.

Claim 26 (New) The purified polypeptide of claim 4, wherein said fragment comprises 20 or more consecutive amino acids from said amino acid sequence.

Claim 27 (New) The purified polypeptide of claim 4 further comprising a pharmaceutically acceptable carrier.

Claim 28 (New) The purified polypeptide of claim 4, wherein said peptide is immunogenic.

Claim 29 (New) A purified polypeptide having greater than 80% identity to an amino acid sequence comprising amino acids 19-274 from SEQ ID NO: 2536.

Claim 30 (New) The purified polypeptide of claim 29 having greater than 90% identity to the amino acid sequence.

Claim 31 (New) The purified polypeptide of claim 29 further comprising a pharmaceutically acceptable carrier.

Claim 32 (New) The purified polypeptide of claim 29, wherein said peptide is immunogenic.